

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050215713".PN.	US-PGPUB; USPAT	OR	OFF	2009/07/20 08:11
L2	10	\$4silsesquioxane.clm. and hsio\$6.clm.	US-PGPUB	OR	OFF	2009/07/20 08:14
L3	1784	irgacure adj ("819" or "369")	US-PGPUB	OR	OFF	2009/07/20 08:31
L4	311	3 with butanone	US-PGPUB	OR	OFF	2009/07/20 08:31
L5	1243	irgacure adj ("819")	US-PGPUB	OR	OFF	2009/07/20 08:33
L6	107	5 with phenylphosphineoxide	US-PGPUB	OR	OFF	2009/07/20 08:34
L7	1	"20040137728".pn.	US-PGPUB	OR	OFF	2009/07/20 09:12
L8	0	"6107000".pn.	US-PGPUB	OR	OFF	2009/07/20 09:18
L9	1	"6107000".pn.	US-PGPUB; USPAT	OR	OFF	2009/07/20 09:18
L10	1	"20040137728".pn. and \$6norborn\$6	US-PGPUB	OR	OFF	2009/07/20 09:22
L11	6	shipley.as. and (air adj gap\$1)	US-PGPUB; USPAT	OR	OFF	2009/07/20 09:35
L12	0	"6165890".pn.	US-PGPUB	OR	OFF	2009/07/20 09:36

L13	1	"6165890".pn.	US-PGPUB; USPAT	OR	OFF	2009/07/20 09:36
L14	0	"6165890".pn. and \$5initiat\$5	US-PGPUB; USPAT	OR	OFF	2009/07/20 09:40
L15	0	"6165890".pn. and \$5crosslink\$5	US-PGPUB; USPAT	OR	OFF	2009/07/20 09:41
L16	0	"6165890".pn. and irgacure	US-PGPUB; USPAT	OR	OFF	2009/07/20 09:50
L17	1	"20040137728".pn. and \$5initiat\$7	US-PGPUB	OR	OFF	2009/07/20 09:59
L18	1	"20040137728".pn. and irgacure	US-PGPUB	OR	OFF	2009/07/20 10:00
L19	471	(irgacure adj "500")	US-PGPUB	OR	OFF	2009/07/20 10:00
L20	1	"20040137728".pn. and sacrificial	US-PGPUB	OR	OFF	2009/07/20 10:02
L21	2061	norbornene with (cyclic adj olefin\$1)	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:06
L22	1839	irgacure adj "819"	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:07
L23	0	22 and sacrificial	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:07
L24	62	22 and sacrificial	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:07
L25	15	24 and (thermal\$3 with decompos\$6)	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:08

L26	47	24 not 25	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:09
L28	2	26 and \$4norborn\$7	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:10
L29	22	22 and polynorbornene	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:12
L30	0	22 with \$6ynorborn\$7	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:12
L31	1	22 with \$6norborn\$7	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:12
L32	1852	(irgacure adj "819") or irgacure819	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:13
L33	22	32 and polynorbornene	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:13
L34	62	32 and sacrificial	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:14
L35	1672	(irgacure adj "369") or irgacure369	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:16
L36	486	32 with 35	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:16
L37	366	36 with \$5initiator\$1	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:17
L38	331	37 and (thermal\$5 or thermo\$20)	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:17

L39	7	38 and (\$10decomposable or \$10deactivatable)	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:18
L40	324	38 and (infrared or heat\$5)	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:20
L41	362	37 and (thermal\$5 or thermo\$20 or infrared or heat\$5)	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:21
L42	41	37 and ((thermal\$5 or thermo\$20 or infrared or heat\$6) with (decompos\$7 or deactivat\$7))	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:22
L43	12	37 and polynorbornene\$1	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:25
L44	31	32 and polynorbornene\$1	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:25
L45	123	32 and (polynorbornene\$1 or norbornene\$1 or (polypropylene adj carbonate\$1) or (polyethylene adj carbonate\$1) or (polycyclohexene adj carbonate\$1))	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:27
L46	11	36 with negative with \$5initiator\$1	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:29
L47	27	36 and (negative with \$5initiator\$1)	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:30
L48	16	47 not 46	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:30
L49	168	37 and infrared	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:31
L50	164	49 and \$5polymer	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:31

L51	1	"6410208".pn.	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:34
L52	1251	((irgacure adj ("801" or "919")) or irgacure "801" or irgacure "919") and sacrificial	US-PGPUB	OR	OFF	2009/07/20 10:47
L53	0	((irgacure adj ("801" or "919")) or irgacure801 or irgacure919) and (sacrificial with (polymer or resin))	US-PGPUB	OR	OFF	2009/07/20 10:48
L54	0	((irgacure adj ("801" or "919")) or irgacure801 or irgacure919) and (sacrificial)	US-PGPUB	OR	OFF	2009/07/20 10:49
L55	1	(irgacure adj ("801" or "919"))	US-PGPUB	OR	OFF	2009/07/20 10:49
L56	1839	(irgacure adj "819")	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:50
L57	1840	(irgacure adj "819") or (irgacure adj "801") or (irgacure adj "919")	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:50
L58	62	57 and sacrificial	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:51
L59	14	57 and decomposable	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:51
L60	1	"20040137728".pn.	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:52
L61	1	"6165890".pn.	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:53
L62	1	"6165890".pn. and \$5mask	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:54
L63	0	"6165890".pn. and lithography	US-PGPUB; USPAT	OR	OFF	2009/07/20 10:54

L64	0	"6165890".pn. and lithograph\$4	US- PGPUB; USPAT	OR	OFF	2009/07/20 10:55
L65	0	"6165890".pn. and \$5lithograph\$4	US- PGPUB; USPAT	OR	OFF	2009/07/20 10:55
L66	1	"6107000".pn.	US- PGPUB; USPAT	OR	OFF	2009/07/20 11:05
L67	73789	air adj gap\$1	US- PGPUB; USPAT	OR	OFF	2009/07/20 11:10
L68	104	67 and (gray adj scale adj \$5mask)	US- PGPUB; USPAT	OR	OFF	2009/07/20 11:10
L69	98	68 and \$5lithograph\$4	US- PGPUB; USPAT	OR	OFF	2009/07/20 11:11
L70	1840	(irgacure adj "819") or (irgacure adj "801") or (irgacure adj "919")	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:15
L71	122	70 and (polynorbornene\$1 or norbornene\$1 or (polypropylene adj carbonate\$1) or (polyethylene adj carbonate\$1) or (polycyclohexene adj carbonate\$1))	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:16
L72	36	70 and (polynorbornene\$1 or (polypropylene adj carbonate\$1) or (polyethylene adj carbonate\$1) or (polycyclohexene adj carbonate\$1))	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:16
L73	366	36 with \$5initiator\$1	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:22

L74	1	"6410208".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:27
L75	0	36 with \$5initiator\$1 with decompos\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:28
L76	0	57 with \$5initiator\$1 with decompos\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:30
L77	14	57 with \$5initiator\$1 with thermal	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:31
L78	0	"6410208"\$6trimethylbenzoyldiphenylphosphine	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:33
L79	1664	\$6trimethylbenzoyldiphenylphosphine	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:33
L80	1615	\$6trimethylbenzoyldiphenylphosphine adj oxide	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:33
L81	134	80 with (irgacure adj "819")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:34
L82	134	80 with ((irgacure adj "819") or (bis\$9trimethylbenzoyl \$4phenylphosphine adj oxide))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:36

L83	97	82 with \$5initiator\$1	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:36
L84	0	80 with ((bis\$9trimethylbenzoyl\$4phenylphosphine adj oxide))	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:37
L85	97	81 with \$5initiator\$1	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:37
L86	0	81 with \$5initiator\$1 with (negative or decompos\$7)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:38
L87	97	81 with \$5initiator\$1	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:38
L88	27	87 and (decomposable or sacrificial)	US- PGPUB; USPAT; USOCR	OR	OFF	2009/07/20 11:39
L89	1	"6121340".pn. and oxide	US- PGPUB; USPAT	OR	OFF	2009/07/20 11:50
L90	0	"6121340".pn. and \$20phenylphosphineoxide	US- PGPUB; USPAT	OR	OFF	2009/07/20 11:51
L91	1	"6121340".pn. and initiator\$1	US- PGPUB; USPAT	OR	OFF	2009/07/20 11:52
L92	1	"6121340".pn. and \$5initiator\$1	US- PGPUB; USPAT	OR	OFF	2009/07/20 11:52



L93	1	"20040126694".pn.	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:55
L94	0	"20040126694".pn. and gray	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:55
L95	1	"20040126694".pn. and photoinitiator\$1	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:55
L96	0	"20040126694".pn. and photoinitiator\$1 and oxide	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:57
L97	1	"20040126694".pn. and photoinitiator\$1 and \$10oxide	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:57
L98	0	"20040126694".pn. and \$20phenylphosphineoxide	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:58
L99	0	"5525190".pn. and \$20phenylphosphineoxide	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:59
L100	1	"5525190".pn.	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:59
L101	0	"5525190".pn. and gray	US-PGPUB; USPAT	OR	OFF	2009/07/20 11:59
L102	0	"5525190".pn. and \$5initiator\$1	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:00
L103	0	"5525190".pn. and sacrificial	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:00
L104	1	"6165890".pn.	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:08

L105	0	"6165890".pn. and gray	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:20
L106	1	"6165890".pn. and mask	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:20
L107	79158	kohl.inv. or allen.inv. or wu.inv. or henderson.inv. or (georgia adj tech).as.	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:29
L108	0	107 and bis\$9trimethylbenzoyl\$3phenylphosphineoxide	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:30
L109	15	107 and \$20phenylphosphineoxide	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:30
L110	176	107 and (\$20phenylphosphineoxide or (\$20phenylphosphine adj oxide))	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:30
L111	16	110 and sacrificial	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:31
L112	516	107 and (sacrificial polymer) and (photoinitiator\$1)	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:49
L113	20	112 and (gray adj scale)	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:49
L114	16	113 and overcoat	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:49
L115	16	114 and (thermal\$2 or heat\$4)	US-PGPUB; USPAT	OR	OFF	2009/07/20 12:50

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